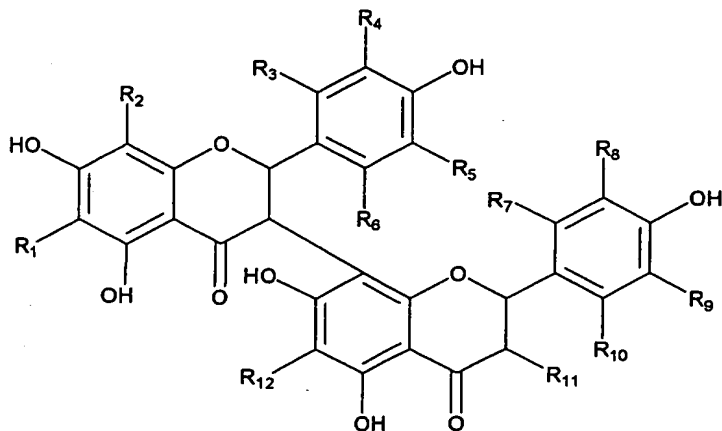


## CLAIMS

1. A pharmaceutical composition used for the treatment of malaria comprising the compound of the general formula:



(wherein  $R_1 \sim R_{12}$  is independently hydrogen atom, halogen atom, hydroxyl group, alkyl group, alkoxy group, amino group or acylamino group) and a pharmaceutically acceptable carrier.

2. A pharmaceutical composition of Claim 1 wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ ,  $R_7$ ,  $R_8$ ,  $R_9$ ,  $R_{10}$ ,  $R_{11}$ , and  $R_{12}$  is hydrogen atom in the compound.

3. A pharmaceutical composition of Claim 2 wherein the compound is 2S, 3R, 2'S- 5,7,5',7'-tetrahydroxy-2,2'-bis-(4-hydroxyphenyl)-2,3,2',3'-tetrahydro-[3,8']bichromenyl-4,4'-dione.

4. A pharmaceutical composition of Claim 1 wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ ,  $R_7$ ,  $R_8$ ,  $R_9$ ,  $R_{10}$ , and  $R_{12}$  is hydrogen atom and  $R_{11}$  is hydroxyl group in the compound.

5. A pharmaceutical composition of Claim 4 wherein the compound is 2S,3R,2'S,3'R-5,7,3',5',7'-pentahydroxy-2,2'-bis-(4-hydroxyphenyl)-2,3,2',3'-tetrahydro-[3,8']bichromenyl-4,4'-dione.

5        6. A pharmaceutical composition of Claim 4 wherein the compound is 2R,3S,2'S,3'R-5,7,3',5',7'-pentahydroxy-2,2'-bis-(4-hydroxyphenyl)-2,3,2',3'-tetrahydro-[3,8']bichromenyl-4,4'-dione.

7. A pharmaceutical composition of Claim 1 wherein R<sub>1</sub>,  
10    R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>9</sub>, R<sub>10</sub>, and R<sub>12</sub> is hydrogen atom and R<sub>8</sub> and R<sub>11</sub> is hydroxyl group.

8. A pharmaceutical composition of Claim 7 wherein the compound is 2S,3R,2'S,3'R-2'-(3,4-dihydroxyphenyl)-5,7,3',5',7'-pentahydroxy-2-(4-hydroxyphenyl)-2,3,2',3'-  
15    tetrahydro-[3,8']bichromenyl-4,4'-dione.